

WHAT IS CLAIMED IS:

1. A diversity reception device comprising:
a plurality of antennas;
5 a plurality of receiver circuits connected to the
corresponding antennas;
adder means for adding received signals output from the
receiver circuits;
phase shifter means for allowing the received signals to
10 be input into the adder means in phase with each other;
level comparator means for comparing levels of the
received signals output from the receiver circuits; and
level variable means being interposed between each of
the receiver circuits and the adder means and being
15 controlled by the level comparator means,
wherein each of the received signals other than the
received signal having the maximum level is relatively
attenuated by the level variable means in accordance with the
difference of the level of the received signal from the
20 maximum level before being input into the adder means.

2. A diversity reception device according to claim 1,
wherein the phase shifter means is interposed between each of
the receiver circuits and the adder means.

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3. A diversity reception device according to claim 1,
wherein the level variable means is connected in series with
the corresponding phase shifter means.